

Ecological Archives E096-135-A3

Floriane Plard, Jean-Michel Gaillard, Tim Coulson, A. J. Mark Hewison, Mathieu Douhard, Francois Klein, Daniel Delorme, Claude Warnant and Christophe Bonenfant. 2015. The influence of birth date via body mass on individual fitness in a long-lived mammal. *Ecology* 96:1516-1528.

Appendix C. Description of the outputs (stable birth date and body mass distributions and, reproductive values) of the IPM.

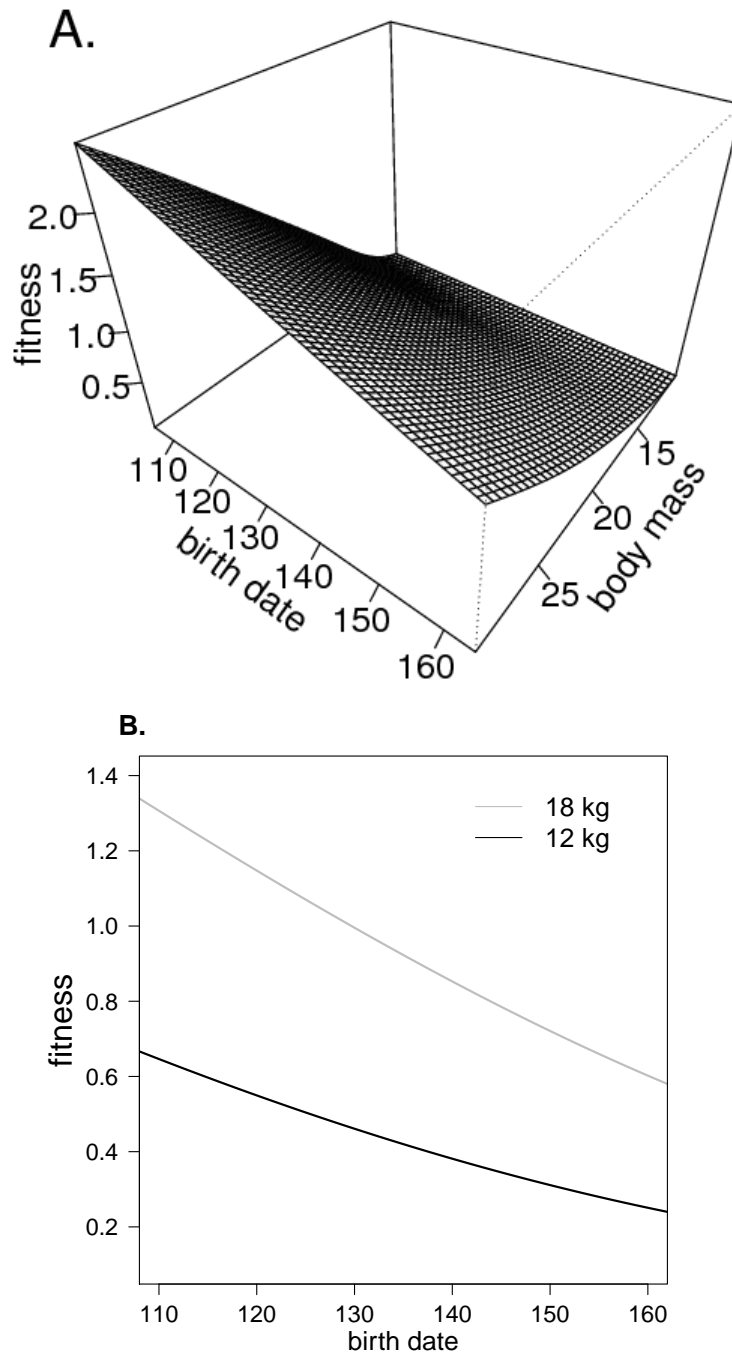


Figure C1. Fitness (as estimated by reproductive values estimated from the IPM) of 8 months old female roe deer in relation to their birth date and body mass represented by a 3D plot (A) and 2D plot (B).

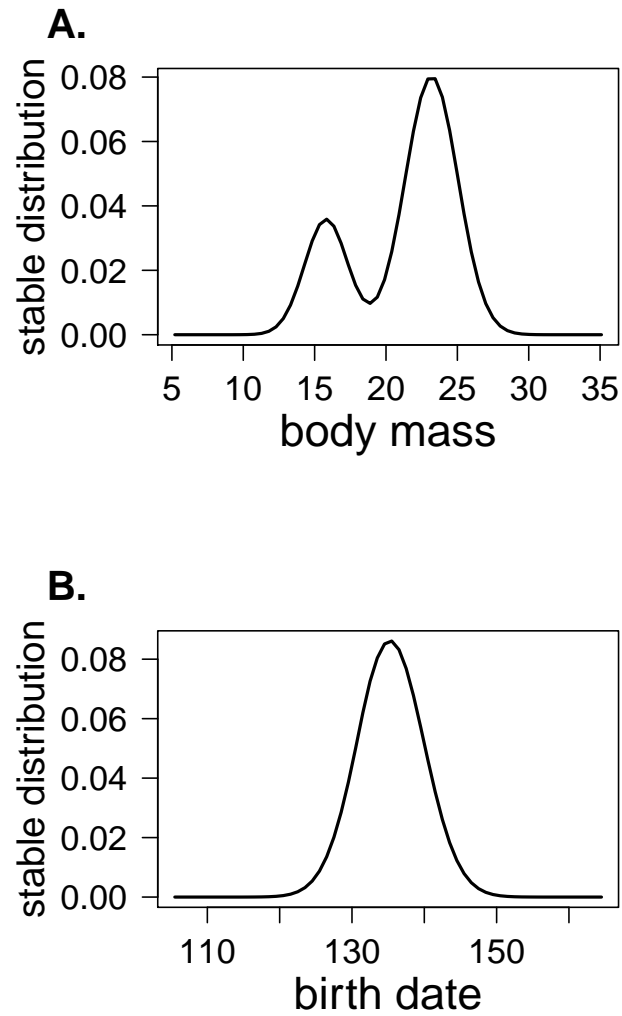


Figure C2. Stable distributions of body mass in the population (A.) and of birth date among yearling individuals (B.).